



IDAHO DEPARTMENT OF LANDS
954 West Jefferson Street
Boise, Idaho 83720
Telephone: (208) 334-0261

APPLICATION FOR DREDGE/PLACER MINE PERMIT APPROVAL

The Idaho Dredge and Placer Mining Protection Act, Idaho Code Title 47, Chapter 13 requires any operator of a dredge or placer mining operation to obtain a Dredge/Placer Mine Permit and bond. There is a \$50.00 application fee required for each 10 acres of land, or portion thereof, which is being permitted. **If a Stream Channel Alteration Permit is required for the operation, it must be issued prior to issuance of the Placer Mine Permit.**

When an applicant will be mining on lands administered by the U.S. Forest Service or Bureau of Land Management, it is necessary to obtain the proper federal approvals in addition to the Department of Lands. Each agency's application requirements are similar but not exactly the same. Please review both state and federal application requirements, and develop one plan which meets the requirements of the agency(ies) involved.

After the mine plan has been finalized, five (5) copies of this application must be submitted to the Idaho Department of Lands, Bureau of Minerals, at the above address. When the department receives an application, the appropriate federal agency will be notified of said application, and it will be reviewed for completeness within fourteen (14) days.

All placer mine permit applications will be processed in accordance with Rule 022 of the Rules Governing Exploration and Placer Mining Operations In Idaho and applicable Memorandums of Understanding with state and federal agencies.

When the Department of Lands determines, in consultation with the DEQ, that there is an unreasonably high potential for nonpoint source pollution of adjacent surface waters, baseline pre-project surface water monitoring information will be required. An out-of-state permittee is required to designate an in-state agent authorized to act on behalf of the permittee. If the applicant is not the owner of the lands described in the application, the land owner is required to endorse the application prior to permit issuance.

APPLICATION INFORMATION

1. Name _____
d/b/a _____
2. Address _____ Telephone _____
3. Claim Name(s) _____
4. Claim Owner(s) _____

IDL 1870(1)

1-1-97

5. Designated In-state Agent and Address: _____
6. Legal Description to the $\frac{1}{4}$ – $\frac{1}{4}$ _____
Section _____ Township _____, Range _____
7. Acreage: _____ (include map as outlined on Page 2) 8. County: _____
9. The Operations Will Be Conducted On (USFS, BLM, IDL or Private) _____
10. Describe How to Get to Mining Operation: _____

11. Describe the Mining Operation Including Commodity Type, Proposed Start-up Date, Mining Method, Equipment to be Used, and Duration of Operations on an Annual Basis and for the Life of the Project: (Use additional sheets, if necessary) _____

12. Please Provide the Following Maps of Your Mining Operation (Rule 021):
- A vicinity map prepared on a standard USGS 7.5' quadrangle map or equivalent.
 - A site map which adequately shows the location of existing roads, access roads, and main haul roads, which would be constructed or reconstructed for the operation. Also, list the approximate dates for construction, reconstruction and abandonment.
 - Show the location and names, if known, of all streams, creeks or bodies of water within 1,000 feet of the surface mining operation.
 - Show the approximate boundaries of the lands which will be affected by the mining operation. This map must be of adequate scale for boundary identification.
 - Show the approximate boundaries and acreage of the lands that will become affected by the mining operation during the first year of operations.
 - Show the planned location of all tailings ponds and ancillary structures associated with the mining operation.
 - Show the planned configuration of all pits, settling ponds, mineral stockpiles and overburden piles which will be developed by the mining operation.
 - Develop a surface and mineral control or ownership map of appropriate scale for boundary identification.
 - Develop scaled cross sections of the mine showing surface profiles prior to mining at maximum disturbance and after reclamation.
 - Show the location of required settling ponds, the design plans, construction specifications and narrative to show they meet both operating requirements and protection from erosion, seepage, and flooding that can be anticipated in the area. Where a dredge is operating in a stream, describe by drawing and narrative, the operation of the filtration equipment to be used to clarify the water.
- Detailed plans and specifications for settling ponds shall be drawn to a scale of 1 inch = 10 feet and include the following:
- (1) A detailed map of the settling pond location, including:
 - dimensions and orientation of the settling ponds and/or other wastewater treatment components of the operation;
 - distance from surface waters;
 - pond inlet/outlet locations including emergency spillways and detailed description of control structures and piping;
 - location of erosion control structures; and
 - 10-year flood elevation (probable high water mark).
 - (2) A detailed cross-section of the pond(s) including:
 - dimensions and orientation;
 - proposed sidewall elevations;

- (c) proposed sidewall slope;
- (d) sidewall width;
- (e) distance from and elevation above all surface water; and
- (f) slope of settling pond location.

(3) Narrative of the construction method(s) describing:

- (a) bottom material;
- (b) sidewall material;
- (c) pond volume;
- (d) volume of water to be used in the wash plant;
- (e) discharge or land application requirements;
- (f) any pond liners or filter materials to be installed; and
- (g) compaction techniques.

If the proposed ponds are:

- (a) less than 2,500 feet² surface area;
- (b) less than four (4) feet high;
- (c) greater than fifty (50) feet from surface water; and
- (d) constructed on slopes of 3:1 or flatter;

the plans and specifications for settling ponds shall contain information in items (1) a, b, and d; (2) a, b, e and f. This information may be prepared as a sketch map showing appropriate elevations, distances and other required details.

12. An operator must prepare a document which **identifies and assesses the foreseeable, site-specific, nonpoint** sources of water quality impacts upon adjacent surface waters, and the best management practices the applicant will use to control the nonpoint source impacts.

13. A reclamation plan must be developed and submitted in map and narrative form. The reclamation plan must include the following information:

- a. Show how watercourses disturbed by the mining operation shall be replaced on meander lines with a pool structure conducive to good fish and wildlife habitat and recreational use. Show how and where riprap or other methods of bank stabilization will be used to ensure that, following abandonment, the stream erosion will not exceed the rate normally experienced in the area. If necessary, show how the replaced watercourse will not contribute to degradation of water supplies;
- b. On a drainage control map show and list the Best Management Practices which will be utilized to control erosion on or from the affected lands.
- c. On a site map show which roads will be reclaimed, the approximate dates for reclamation, and describe the reclamation to be accomplished.
- d. Develop a revegetation plan which identifies how topsoil or other growth medium will be salvaged, stored and replaced in order to properly revegetate the area, identify the type of soil to be replaced, the slope of the reclaimed areas, and precipitation rates. Based on this information, identify the seed species, the seeding rates, the time and method of planting the soil, and fertilizer and mulch requirements.
- e. Describe and show how tailings or sediment ponds will be reclaimed.
- f. Make premining estimate of the number and species of trees on site.
- g. Estimate the actual cost of reclamation which includes the cost for equipment mobilization, regrading, seed, fertilizer, mulch, labor and any other pertinent costs.

Date:_____ Applicant Signature_____

Date:_____ Land Owner Signature_____

RETURN COMPLETED FORM AND REQUIRED APPLICATION FEE TO:

IDAHO DEPARTMENT OF LANDS
BUREAU OF MINERALS
954 West Jefferson Street
Boise, ID 83720